Please provide the following information, and submit to the NOAA DM Plan Repository.

Reference to Master DM Plan (if applicable)

As stated in Section IV, Requirement 1.3, DM Plans may be hierarchical. If this DM Plan inherits provisions from a higher-level DM Plan already submitted to the Repository, then this more-specific Plan only needs to provide information that differs from what was provided in the Master DM Plan.

URL of higher-level DM Plan (if any) as submitted to DM Plan Repository:

1. General Description of Data to be Managed

   1.1. Name of the Data, data collection Project, or data-producing Program:
   Interviews with New England Groundfish Fishermen: Adaptation and Transition

   1.2. Summary description of the data:
   The implementation of Amendment 16 to the fishery's Federal Management Plan in May 2010 implemented catch share management in the form of sectors. In addition, since 2012, there have been severe reductions in catch limits for key species, such as Atlantic cod. Fishery economic performance reports for the Northeast Multispecies Fishery produced by NMFS' Office of Science and Technology (the National Catch Share Report) and the NEFSC Social Science Branch (Final Reports on the Performance of the Northeast Multispecies (Groundfish) Fishery produced annually since 2010) evaluate the performance of commercial fishing vessels with a limited access groundfish permit that have remained active. However, little is known about the ways in which fishermen, particularly those who have traditionally actively targeted groundfish, are making decisions in response to changes in the biological and management conditions in the fishery. In addition, little is known about the economic and social impacts on fishermen who are no longer actively fishing or may be operating at a loss. The project portfolio contains text files of approximately 60 ethnographic interviews with current and former participants in New England's Northeast Multispecies Fishery (the groundfish fishery) conducted in 2013 and 2014 in several New England ports. Interviewees include commercial fishermen, managers of Northeast Multispecies Sectors, and other leaders in the commercial fishing community. Some interviews have been recorded and transcribed. In some cases, audio recording was not possible due to the noise level at the interview site; for these interviews, extensive notes were taken by the interviewer(s). Coding of these interviews in NVivo, a software designed to analyze qualitative information is ongoing. The project portfolio also contains an Excel spreadsheet that contains a table with selected characteristics for each interviewee (e.g. fisherman's age, marital status, number of dependents, years of fishing experience, etc.) (see InPort ID #27637).

   1.3. Is this a one-time data collection, or an ongoing series of measurements?
   One-time data collection

1.4. Actual or planned temporal coverage of the data:
2013-06-27 to 2014-09-30

1.5. Actual or planned geographic coverage of the data:
New England - ME, NH, MA, RI

1.6. Type(s) of data:
(e.g., digital numeric data, imagery, photographs, video, audio, database, tabular data, etc.)
Document (digital), Audio (digital), Table (digital)

1.7. Data collection method(s):
(e.g., satellite, airplane, unmanned aerial system, radar, weather station, moored buoy, research vessel, autonomous underwater vehicle, animal tagging, manual surveys, enforcement activities, numerical model, etc.)
Instrument: not applicable
Platform: not applicable
Physical Collection / Fishing Gear: not applicable

1.8. If data are from a NOAA Observing System of Record, indicate name of system:

1.8.1. If data are from another observing system, please specify:

2. Point of Contact for this Data Management Plan (author or maintainer)

2.1. Name:
Tammy Murphy

2.2. Title:
Metadata Contact

2.3. Affiliation or facility:
Northeast Fisheries Science Center

2.4. E-mail address:
tammy.murphy@noaa.gov

2.5. Phone number:
508-495-4716

3. Responsible Party for Data Management
Program Managers, or their designee, shall be responsible for assuring the proper management of the data produced by their Program. Please indicate the responsible party below.

3.1. Name:
Tammy Murphy

3.2. Title:
Data Steward

4. Resources
Programs must identify resources within their own budget for managing the data they produce.

4.1. Have resources for management of these data been identified?
Yes

4.2. Approximate percentage of the budget for these data devoted to data management (specify percentage or "unknown"):
Unknown

5. Data Lineage and Quality
NOAA has issued Information Quality Guidelines for ensuring and maximizing the quality, objectivity, utility, and integrity of information which it disseminates.

5.1. Processing workflow of the data from collection or acquisition to making it publicly accessible
(describe or provide URL of description):
Lineage Statement:
The project portfolio contains text files of approximately 60 ethnographic interviews with current and former participants in New England's Northeast Multispecies Fishery (the groundfish fishery) conducted in 2013 and 2014 in several New England ports. Interviewees include commercial fishermen, managers of Northeast Multispecies Sectors, and other leaders in the commercial fishing community. Some interviews have been transcribed and some interviews have been recorded. Coding of these interviews in NVivo, a software designed to analyze qualitative information, is ongoing. The project also contains a spreadsheet that summarizes selected characteristics for each interviewee (e.g. fisherman's age, marital status, number of dependents, years of fishing experience, etc.).

5.1.1. If data at different stages of the workflow, or products derived from these data, are subject to a separate data management plan, provide reference to other plan:

5.2. Quality control procedures employed (describe or provide URL of description):
Data validation during data collection, Data validation during data entry, Post audits by internal editors, Database integrity constraints, Follow up with survey participants

6. Data Documentation
The EDMC Data Documentation Procedural Directive requires that NOAA data be well documented, specifies the use of ISO 19115 and related standards for documentation of new data, and provides links to resources and tools for metadata creation and validation.

6.1. Does metadata comply with EDMC Data Documentation directive?
Yes

6.1.1. If metadata are non-existent or non-compliant, please explain:

6.2. Name of organization or facility providing metadata hosting:
NMFS Office of Science and Technology

6.2.1. If service is needed for metadata hosting, please indicate:

6.3. URL of metadata folder or data catalog, if known:
https://inport.nmfs.noaa.gov/inport/item/26889

6.4. Process for producing and maintaining metadata
(describe or provide URL of description):
Metadata produced and maintained in accordance with the NMFS Data Documentation
Procedural Directive: https://inport.nmfs.noaa.gov/inport/downloads/data-
documentation-procedural-directive.pdf

7. Data Access
*NAO 212-15 states that access to environmental data may only be restricted when distribution is
explicitly limited by law, regulation, policy (such as those applicable to personally identifiable
information or protected critical infrastructure information or proprietary trade information) or by
security requirements. The EDMC Data Access Procedural Directive contains specific guidance,
recommends the use of open-standard, interoperable, non-proprietary web services, provides
information about resources and tools to enable data access, and includes a Waiver to be submitted
to justify any approach other than full, unrestricted public access.*

7.1. Do these data comply with the Data Access directive?
Yes

**7.1.1. If the data are not to be made available to the public at all, or with
limitations, has a Waiver (Appendix A of Data Access directive) been filed?**

**7.1.2. If there are limitations to public data access, describe how data are protected
from unauthorized access or disclosure:**

7.2. Name of organization of facility providing data access:
Northeast Fisheries Science Center

7.2.1. If data hosting service is needed, please indicate:

7.2.2. URL of data access service, if known:

7.3. Data access methods or services offered:
NEFSC Data Access Procedure:

1. Formal request in writing usually to the data owner/contact or Center Director;

2. Requester is contacted by data owner to review and verify the request content and details for data delivery options.

3. If data is confidential then owner will determine if the data may be released to the requester;

4. If data can be released, the data is downloaded and packaged for delivery electronically; or the requester may be directed to where the data is available online.

7.4. Approximate delay between data collection and dissemination:
not applicable

7.4.1. If delay is longer than latency of automated processing, indicate under what authority data access is delayed:
not applicable

8. Data Preservation and Protection
The NOAA Procedure for Scientific Records Appraisal and Archive Approval describes how to identify, appraise and decide what scientific records are to be preserved in a NOAA archive.

8.1. Actual or planned long-term data archive location:
(Specify NCEI-MD, NCEI-CO, NCEI-NC, NCEI-MS, World Data Center (WDC) facility, Other, To Be Determined, Unable to Archive, or No Archiving Intended)
Other

8.1.1. If World Data Center or Other, specify:
NARA

8.1.2. If To Be Determined, Unable to Archive or No Archiving Intended, explain:

8.2. Data storage facility prior to being sent to an archive facility (if any):
NEFSC Woods Hole Lab - Woods Hole, MA

8.3. Approximate delay between data collection and submission to an archive facility:
unknown

8.4. How will the data be protected from accidental or malicious modification or deletion prior to receipt by the archive?
Discuss data back-up, disaster recovery/contingency planning, and off-site data storage relevant to the data collection
Archival of source data preserving unaltered collected data, Scheduled backups, Remote storage backups, Password protection

9. Additional Line Office or Staff Office Questions

Line and Staff Offices may extend this template by inserting additional questions in this section.